| Index of Claims |  |  |  |  |  |  |  |  |  |  |  |  |
|-----------------|--|--|--|--|--|--|--|--|--|--|--|--|
|                 |  |  |  |  |  |  |  |  |  |  |  |  |

Application No.

10/618,370

Examiner

Applicant(s)

DUCLOS, GARY

Art Unit

Marie Patterson

3728

√ Rejected= Allowed

- (Through numeral)
Cancelled
+ Restricted

Non-Elected

I Interference

A Appeal
O Objected

| Claim    |  |                  | Date            |                    |  | 1 [            | Claim  | _        |          |                    |              | Date            | <del></del> - |          |          | 1 | CI           | aim        |           |                    |          |          | ate               | _         |                    | _ |
|----------|--|------------------|-----------------|--------------------|--|----------------|--|----------|----------|--------------------|--------------|-----------------|---------------|----------|----------|---|--------------|------------|-----------|--------------------|----------|----------|-------------------|-----------|--------------------|---|
|          | 40/01  |                  |                 | 7                  |  | 1              |  |          | Τ        |                    |              |                 |               |          |          |   |              |            | $\exists$ |                    | ٦        |          |                   |           | Т                  |   |
| Final    | 0  |                  |                 |                    |  | 7              |  |          |          | İ                  |              |                 |               |          |          |   | Final        | ايقا       |           |                    |          |          |                   |           |                    |   |
| Final    | 12   | İ                |                 | 1                  |  | ដ              | Ē   j  | 0.00 J   |          |                    |              |                 |               |          |          |   | ij.          | Original   | -         |                    |          | ļ        | - 1               |           |                    |   |
|          |  | _ _              |                 | _                  |  | ▎└             |  |          |          | ╄-                 |              |                 |               | _        |          |   |              |            | 4         | 4                  | 4        | _        | _                 | 4         | 4                  | _ |
| W        |  | _ _              |                 | _                  | -  | ▎┝             | 5  |          | +        | ╄-                 | -            | $\vdash$        | -             | +        | _ -      |   |              | 101        | -+        |                    | -        | -        | +                 | $\dashv$  | -                  | _ |
| 2        |  |                  | $\vdash$        |                    | -  | l ⊢            | 5  |          |          | +                  | $\vdash$     |                 | $\dashv$      | +        |          |   | -            | 102<br>103 | $\dashv$  | +                  | $\dashv$ | $\dashv$ | $\dashv$          | $\dashv$  | -                  | _ |
| 3        |  |                  | ╀               | ╁                  |  | <b> </b>       | 5  | 3<br>4   | +        | ╁╴                 | Н            |                 | -+            | +        | -        |   |              | 103        | +         | $\dashv$           | +        | ᆉ        | $\dashv$          | $\dashv$  | +                  | _ |
| 5        |  |                  | ╁╌┼             | +-                 |  | <b>∤</b>       | 5  |          |          | +                  | ╁            | -               | $\dashv$      | $\dashv$ |          |   |              | 105        | +         | ╁                  | ┪        | 一十       | +                 | $\dashv$  | $\dashv$           |   |
| 6        | <u> </u>   |                  | ++              | +-                 | -  | l              | 5  | <u> </u> |          | ╁                  | $\vdash$     | $\dashv$        | -             | +        |          |   |              | 106        | -         | +                  | ┪        | ┪        | 7                 | 十         | 十                  | _ |
| 7        |  |                  | <del>   -</del> | +                  |  | ┧┟╌            | 5  |          | +        | +                  | $\vdash$     |                 |               | +        |          |   |              | 107        | 十         | 十                  | ┪        | _        | T                 | _         | 十                  | _ |
| 8        |  |                  |                 | +-                 |  | 1              | 5  |          | +        | $\dagger$          | Н            | $\neg$          | $\dashv$      | $\dashv$ |          |   |              | 108        | 十         | 寸                  | ╗        | ヿ        |                   | 寸         | $\top$             | _ |
| 9        |  | $\neg$           |                 | $\top$             |  | 1              | 5  |          | _        | $\top$             |              |                 | $\neg$        |          |          |   |              | 109        | T         | T                  | ╗        |          | T                 | ┑         |                    |   |
| 10       |  |                  |                 |                    |  | 1              | 6  |          |          | T                  |              |                 |               |          |          |   |              | 110        | $\Box$    |                    | ٦        |          |                   |           |                    |   |
| 11       | 7  |                  |                 |                    |  |                | 6  |          |          | $oxed{\mathbb{I}}$ |              |                 |               |          |          |   |              | 111        |           |                    |          |          |                   |           | $oldsymbol{\perp}$ |   |
| 12       |  |                  |                 |                    |  |                | 6  |          | $\perp$  | Τ                  |              |                 | $\Box$        | $\Box$   |          |   |              | 112        | Ţ         | I                  | $\Box$   |          | $\Box$            | $\dashv$  | $\perp$            | _ |
| 13       | 1  |                  | $\Box$          |                    |  |                |  | 3        | $\perp$  |                    | $oxed{\Box}$ | Ш               | $\perp$       |          |          |   |              | 113        | 4         | _                  | _        | _        | _                 | ļ         | $\dashv$           | _ |
| 14       |  |                  | $\Box$          |                    |  | L              |  | 4        | $\bot$   | $\perp$            | $\vdash$     |                 | _             | _        |          |   |              | 114        | 4         | _                  | 4        | _        | _                 | 4         | $\dashv$           | _ |
| 15       | <b>       </b>                                   |                  | $\sqcup \bot$   | -                  | <del>      -</del>                               | <b>↓</b>       | 6  |          | +        | $\bot$             | _            | $\vdash \vdash$ | _             | _        |          |   |              | 115        | 4         | ┵                  |          | _        | $\dashv$          | $\dashv$  | +                  | _ |
| 16       | /  |                  | $\sqcup$        | -                  | $\vdash \vdash$                                  | <b>↓</b>       |  | 6        | +        | +                  | -            | Ш               |               | $\dashv$ |          |   | <u> </u>     | 116        | $\dashv$  | +                  |          | _        | $\dashv$          | $\dashv$  | -+                 | _ |
| 17       | 1  |                  | $\vdash$        | -                  |  | <del> </del> ⊢ | 6  |          |          | +                  | $\vdash$     |                 | +             |          | +        |   | <u> </u>     | 117<br>118 | $\dashv$  | +                  | ᅱ        | -        | -+                | $\dashv$  | +                  | _ |
| 18       | ~ -  |                  | ┼-              | +-                 | -  | <b> </b>       |  | 8<br>9   | +        | +                  | -            |                 | $\dashv$      | -        |          |   | <u> </u>     | 119        | $\dashv$  | $\dashv$           | -        | -        | $\dashv$          | $\dashv$  | +                  | _ |
| 19       | <del>    -</del>                                 |                  | +               | -                  | $\vdash$   | ŀ⊢             | 7  |          | -        | ╁                  | +-           |                 | $\dashv$      | +        |          |   | <u> </u>     | 120        | $\dashv$  | +                  | $\dashv$ |          | $\dashv$          | $\dashv$  | +                  | _ |
| 21       | $\vdash$   | +-               | ╁┼              | +-                 | -  | l              | <del>                                     </del> |          | ╁        | ┿                  | $\vdash$     |                 | $\dashv$      | $\dashv$ |          | 1 |              | 121        | $\dashv$  | $\dashv$           | $\dashv$ | -        | $\dashv$          | $\dashv$  | 十                  | _ |
| 22       | $\vdash$   |                  | ++              | -                  | $\vdash$   | 1 H            |  | 2        | +        | ╁┈                 | $\vdash$     |                 | $\dashv$      | $\dashv$ |          |   |              | 122        | 7         | 十                  | $\dashv$ | _        | 寸                 | $\dashv$  | 十                  | - |
| 23       | <del>    -</del>                                 |                  | <del>   </del>  | +                  |  | 1 1-           |  | 3        | +        | +                  | $\vdash$     |                 | -+            | +        | _        | 1 | <del> </del> | 123        | 7         | $\dashv$           |          | _        | $\neg$            | $\dashv$  | 十                  | _ |
| 24       |  |                  | <del>   -</del> | +-                 | $\vdash$   |                |  | 4        | $\top$   | $\top$             | $\top$       |                 | 寸             | $\dashv$ |          | i |              | 124        | 寸         | 7                  |          |          | 寸                 | ヿ         | $\neg$             | _ |
| 25       |  |                  | T               | $\top$             |  |                | 7  | 5        | $\top$   | ✝                  | $\top$       |                 | $\neg$        | 寸        |          | ĺ |              | 125        | 寸         |                    |          |          | $\neg$            | $\neg$    | T                  |   |
| 26       |  |                  | $\vdash$        |                    |  |                | 7  |          |          | Τ                  |              |                 |               | T        |          |   |              | 126        |           | $\overline{\cdot}$ |          |          |                   |           |                    |   |
| 27       |  |                  |                 |                    |  |                | 7  |          |          |                    |              |                 |               | $\Box$   |          |   |              | 127        | $\Box$    |                    |          |          |                   |           |                    |   |
| 28       |  |                  |                 |                    |  |                | 7  |          |          |                    |              |                 |               |          |          | ] |              | 128        | _         | _                  |          | _        | _                 | $\dashv$  | _                  |   |
| 29       |  |                  |                 | $oldsymbol{\perp}$ |  | ] [_           |  | 9        | $\bot$   | $\perp$            |              |                 | _             | _        | $\perp$  |   |              | 129        | _         | $\perp$            |          |          | 4                 | _         | _                  |   |
| 30       |  |                  |                 | _                  | <u> </u>   | 1 L            |  | 0        |          | 4                  | _            |                 | _             | _        |          |   | <u> </u>     | 130        | 4         | $\dashv$           | _        |          | _                 | $\dashv$  | +                  | _ |
| 31       |  |                  | $\perp \perp$   | 4                  | <u> </u>   | ļ Ļ            | 8  |          |          | ┿                  | <u> </u>     |                 | -             | 4        |          | ļ |              | 131        | $\dashv$  | -                  | _        |          | $\dashv$          | $\dashv$  | $\dashv$           | _ |
| 32       | $\vdash\vdash$                                   |                  | -               | -                  | <b>├</b> -                                       | <b>!</b>       |  | 2        | +        | 4                  | ╄            |                 | $\dashv$      | -        |          | ł | <u> </u>     | 132        | -+        | +                  |          | $\dashv$ | -                 | $\dashv$  | +                  | _ |
| 33       | 1-1-   |                  | 1               |                    | <del>                                     </del> | ł⊢             |  | 3        | -        | ╁                  | -            | _               | -+            | $\dashv$ |          | ł | ├            | 133<br>134 | $\dashv$  | -+                 |          | -        | +                 | -+        | +                  | _ |
| 34       | $\vdash$   | _                | +-+             | +                  | <del>                                     </del> | ┨ ├─           |  | 4<br>5   | +-       | +                  | +-           |                 | $\dashv$      | $\dashv$ | $\dashv$ | ł | $\vdash$     | 135        | +         | $\dashv$           |          | $\dashv$ | +                 | -+        | +                  | _ |
| 35<br>36 | -  |                  | ++              | +                  | ├-├-   | ┥┝             |  | 5<br>6   | +        | +                  | $\vdash$     | -               | -+            | +        | +-       | 1 | <u> </u>     | 136        | +         | +                  | $\dashv$ | $\dashv$ | -+                | $\dashv$  | +                  | _ |
| 37       | $\vdash$   |                  | ++              | +                  | <del>                                     </del> | ┧ ├            |  | 7        | +        | +                  | +-           | -               | $\dashv$      | $\dashv$ | +        | ſ |              | 137        | $\dashv$  | 十                  | $\dashv$ | -        | -                 | $\dashv$  | 十                  | _ |
| 38       | ++-  | <del>-   -</del> | ++              | +                  | <del>                                     </del> | ┧ ├            |  | 8        | $\dashv$ | +                  | +-           | -               | $\dashv$      | $\dashv$ | +        | i |              | 138        | +         | ╅                  | $\dashv$ |          | $\vdash \uparrow$ | $\dashv$  | +                  | - |
| 39       | <del>                                     </del> | $\vdash \vdash$  | ++              | $\dashv$           | $\vdash\vdash$                                   | 1              |  | 9        | +        | +                  | 1            | _               | $\dashv$      | $\dashv$ |          | 1 | -            | 139        | $\dashv$  | $\neg$             |          | _        | $\dashv$          | $\dashv$  | $\top$             | _ |
| 40       | $\vdash$   | $\vdash$         |                 | $\top$             |  | 1  -           |  | ŏ        | $\top$   | $\top$             | $\top$       |                 | 寸             | $\dashv$ |          | 1 |              | 140        | ┪         | $\neg$             | 寸        | $\neg$   | $\sqcap$          | $\exists$ | 7                  | _ |
| 41       | - -  | <del>    -</del> | ++              | $\top$             | $\vdash$   | 1  -           | -   5  |          | $\top$   | 1                  |              |                 | 十             | $\dashv$ |          | 1 |              | 141        | $\exists$ | $\dashv$           |          |          |                   |           | I                  | _ |
| 42       |  |                  | $T^{+}$         |                    |  | ]              | 9  | 2        |          | I                  | Ι            |                 |               |          |          | ] |              | 142        |           |                    |          |          |                   |           | $\Box$             |   |
| 43       |  |                  |                 |                    |  |                |  | 3        |          |                    |              |                 | $\Box$        | $\Box$   |          | 1 |              | 143        | $\prod$   | [                  |          |          |                   | _[        | $\perp$            | _ |
| 44       |  |                  |                 |                    |  |                |  | 4        |          |                    | $oxed{\Box}$ |                 | $ \bot $      |          |          | 1 |              | 144        | $\perp$   | [                  | _        |          | $\Box$            | _         | $\dashv$           | _ |
| 45       |  |                  | $\Box$          |                    |  | Į L            |  | 5        |          | $\perp$            | _            |                 | _             | _        |          | 1 |              | 145        | _         |                    | _        | _        | $\sqcup$          | _         | $\dashv$           | _ |
| 46       |  | $\Box$           |                 | $\perp$            |  | ⇃⇂             |  | 6        | $\perp$  | $\perp$            | <u> </u>     | _               | _             | _        | $\bot$   | Į |              | 146        | $\dashv$  | _                  | _        |          | $\sqcup$          |           | $\dashv$           | _ |
| 47       | $\sqcup \bot$                                    | igspace          | $\bot \bot$     | 4                  | _ _  | <b>↓</b>       |  | 7        | _        | 4                  | ↓_           | <u> </u>        | _             | 4        | _        | ļ |              | 147        | 4         | 4                  | _        |          | $\vdash$          | $\dashv$  | -                  | _ |
| 48       | $\perp \perp$                                    | $\vdash$         | ++              | 4                  |  | <b>↓</b>  -    |  | 8        | 4        | 4-                 | ┼-           | <u> </u>        |               | -+       |          | - | <u> </u>     | 148        | 4         | -+                 | _        |          | -                 | $\dashv$  | +                  | _ |
| 49       | ₩-   | $\vdash$         | +               | _                  | <del>                                     </del> | ┨┝             | -   5  | 9        | -        | +                  | ┼            |                 |               | $\dashv$ |          | - |              | 149<br>150 | 4         | -                  | -        | $\dashv$ | $\vdash \dashv$   |           | +                  | _ |
| 50       | <u> </u>   |                  | $\perp \perp$   | _L                 | <u> </u>   | JL             | _ 131  | 00       | Щ.       | ᆚ_                 |              |                 |               | $\perp$  | L_       | J | L            | 130]       |           | _1                 |          |          | Щ                 |           |                    | _ |